

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

**Declaration and Power of Attorney**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Equalization of Transmit Diversity Space-Time Coded Signals** the specification of which was filed on 4/13/00, as provisional application Serial No. 60/196599.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me, which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventors' certificate listed below and have also identified below any foreign application for patent or inventors' certificate having a filing date before that of the application on which priority is claimed:

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, we acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Provisional Application 60/196,599, filed April 13, 2000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Samuel H. Dworetsky	(Reg. No. 27873)	Thomas A. Restaino	(Reg. No. 33444)
Michele L. Conover	(Reg. No. 34962)	Cedric G. DeLaCruz	(Reg. No. 36498)
Rohini K. Garg	(Reg. No. 45272)	Thomas M. Isaacson	(Reg. No. 44166)
Benjamin S. Lee	(Reg. No. 42787)	Robert B. Levy	(Reg. No. 28234)
Susan E. McGahan	(Reg. No. 35948)	Gary H. Monka	(Reg. No. 35290)
Jeffrey M. Navon	(Reg. No. 32711)	Stephen K. Pentlicki	(Reg. No. 40125)
Alfred G. Steinmetz	(Reg. No. 22971)		

I also appoint the following as associate attorney(s), with full power to prosecute said application, to make alternations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith:

Henry T. Brendzel (Reg. No. 26,844)  
William Ryan (Reg. No. 26,844)

Please address all correspondence to Henry T. Brendzel, P.O. Box 574, Springfield, NJ 07081. Telephone calls should be made to Henry T. Brendzel at (973) 467-2025.

Full name of joint inventor: Ayman F Naguib

Inventor's signature

Date 9/22/2000

Residence: Lincroft, Monmouth County, NJ

Citizenship: Egypt

Post Office Address: 102 Willowgrove Drive  
Lincroft, NJ 07738

Full name of joint inventor: Arthur R Calderbank

Inventor's signature

Date

Residence: Princeton, Mercer County, NJ

Citizenship: Great Britain

Post Office Address: 85 Worths Mill Lane  
Princeton, NJ 08540

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Full name of joint inventor: Ayman F Naguib

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: Lincroft, Monmouth County, NJ  
Citizenship: Egypt  
Post Office Address: 102 Willowgrove Drive  
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Full name of joint inventor: Arthur R Calderbank

Inventor's signature  Date OCT 13 2000  
Residence: Princeton, Mercer County, NJ  
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